



CONSTRUCTION EQUIPMENT

41765 VOLVO A25G 752067 - REAR AXLE



Sample No: VCP447021
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 41765



SAMPLE INFORMATION

Sample Number	VCP447021	VCP343957	---	---
Sample Date	03 Apr 2024	23 Nov 2021	---	---
Machine Hours	2534	531	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	ATTENTION	NORMAL	---	---

215 - ASCENDUM MACHINERY INC - CAYCE
 2303 AIRPORT BLVD
 CAYCE, SC
 US 29033
 Contact: TAMI BROWDER



OIL CONDITION

Visc @ 40°C	cSt	51.7	63.5	---	---
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T: (803)923-2138
 F: (803)791-9920



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	2	---	---
Sodium	ppm	2	<1	---	---
Potassium	ppm	0	3	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type.



WEAR METALS

Iron	ppm	209	159	---	---
Copper	ppm	22	17	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	0	0	---	---
Chromium	ppm	2	5	---	---
Molybdenum	ppm	3	10	---	---
Nickel	ppm	1	1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	6	23	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	369	99	---	---
Magnesium	ppm	22	0	---	---
Zinc	ppm	186	32	---	---
Phosphorus	ppm	2191	1431	---	---
Barium	ppm	0	2	---	---
Boron	ppm	241	192	---	---

Depot: VOLVO0013
Unique No: 10965062
Signed: Don Baldrige
Report Date: 09 Apr 2024



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GRAPHS

